Docket 1999CH020 Serial No. 10/088,442 Group 1761

> / mendments to the Claims

 (Currently Amended) A method for the treatment of textile piece goods in rape form or tubular form by an exhaust process from aqueous liquor, comprising the steps

providing textile plece goods;

applying (P<sub>b</sub>) water-dispersible or colloidally soluble polyamides containing hydrophilic polyalkylene glycol ether chains in the skeletal structure as wet-

ting hibricants.

and they a fextile treatment agent (T) consisting essentially of

 $(T_1)$  pre-treatment agents,  $(T_2)$  main treatment agents, or

(T<sub>s</sub>) after-treatment agents;

applying (P<sub>s</sub>) water dispensible or colleidally ealuble polyamides which centain hydrophilic polyalkytene glysel ether chains in the skeletal etructure as well acting tubricants.

wherein said (PA) is made from

(A<sub>1</sub>) allphatic, araliphatic or a<del>romatic diamines which atherwise contain no hydrophilic components or substituents.</del>

(A2) a diamine of the average formula

 $H_2^{N} - CH - CH_2^{-} = CH_2^{-} - CH_3^{-} + \frac{1}{1} - \frac{1}{1$ 

in which x denotes a number≥D, y denotes a number≥2

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z denotes a number ≥1,

the range from 2(x+z) to 10(x+z) and where the meta-ratio of (A<sub>2</sub>) to the sum x+y+z = 3 to 100, with the proviso that y [2x+z,] is in the sum of (A<sub>4</sub>)+(A<sub>3</sub>) is < 96 met % and

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and

contain 9 to 18 carbon atoms and confain one benzane ring or two dicarboxylic acids having one to three benzene rings, two of which alkanedicarboxylic acids having 2 to 36 carbon aforms, aromatic may optionally be fused, or analiphatic dicarboxylic acids which bonded to further all phatic, aromatic or araliphatic parts of the optionally fused benzene rings, where aromatic rings may be molecule, optionally via oxygen, (B)

and optionally manofunctional compounds (E) which are sultable for the end capping of the polyamides, and/or higher ellgo functional compounds (H) which are suitable for the branching of the polyamides (Previously Presented) The method according to Claim 1, where (A1) is a C4-C5alkanediamine

(Previously Presented) The method according to Claim 1, where (B<sub>1</sub>) is alkanedicarboxylic acids having 2 to 36 carbon atoms. က

(Previously Presented) The method according to Claim 1, where is hexamethylenediamine Ē

is adipic add. <del>(B1)</del> and · (Previously Presented) The method according to Claim 1, where (PA) is employed in the form of an aqueous, concentrated preparation (W).

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- (Previously Presented) The method according to Claim 5, where (W) is an aquecus preparation or colloidal solution which is characterised by a content of {P<sub>A</sub>} 9
- a flow-control agent selected from the group consisting of propylene glycol, butanediol, hexylane glycol, dipropylene glycol, butyl diglycol and glycerol, Œ
- consisting of homopolyacrylamides, copolyacrylamide-acrylic acids, and parlially selected from the group saponified polyacrylamides. agent a thickening and/or(G)
- 7. (Previously Presented) The method according to Claim 6, where (W), in addition to  $(P_A)$ , (F) and for (G), contains at least one of the following components
- a mixture of non-tonegenic emulsifiers, anionic emulsifiers and amphotenic a mixture of non-tonogenic emulsifiers and anionic or amphoteric emulsifiers or a non-ionogente emulsifler or a mixture of non-ionogenic emulsifiers or emulsifiers,
  - at least one agent for setting the pH 3
- (Z<sub>1</sub>) an agent which inhibits bacterial growth or a microblocide at least one formulation additive selected from Û and
- (Z<sub>2</sub>) reducing agent or a bleaching agent. þ
- (Previously Presented) The method according to Claim 1, where (T) is at least one dye or at least one optical brightener. ထ
- (Previously Presented) The method according to Claim 1, in the dyaing or optical brightening of textile material made from synthetic polyamide fibres, optionally blanded with other fibres, in jet dyeing machines. œ

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Chaim 1, in the dyeing or optical naterial made from synthetic polyamide microfibres, optionally

10. (Previously Presented) The method according to Claim 1, in the dyeling or optical brightening of textile material made from synthetic polyamide microfibres, optionally blended with other fibres of comparable finances

11. (Currently Amended) Wet-acting lubricant for the dyeing or optical brightening of textile piece goods in tope or tubular form by exhaust methods from aqueous liquor under conditions which would otherwise in the textile substrate favour the formation of transport folds or the occurrence of friction in or on the substrate, characterised by comprising a content of a water-dispersible or colloidally soluble polyamide (P<sub>a</sub>) by comprising a content of a water-dispersible or colloidally soluble polyamide (P<sub>a</sub>) the steps of reacting (A<sub>a</sub>). (A<sub>a</sub>) and (B<sub>a</sub>), wherein

(A,) a C,-C,-alkanediamine.

a diamine of the average formula

 $\frac{E_{2N}-c_{H_{2}}-c_{H_{2}}}{c_{H_{3}}} = \frac{\left[c_{1}-c_{H_{2}}\right]\left[c_{2}-c_{H_{3}}\right]\left[c_$ 

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y denotes a number > 2

x denotes a number ≥ 0.

in which

and the sum x+y+z=3 to 100, with the proviso that y is in the range from 2(x+z) to 10(x+z).

and

(B<sub>1</sub>) alkanedicarboxylic acids having 2 to 35 carbon atoms and adding during the reaction at the beginning of the cooling off period (F) a flow-control agent selected from the group consisting of propylene glycol, butyl diglycol and glycen.

hexylene glycol, dipropylene glycol, butyl diglycol and glycen.

12. (Cancelled)

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<u>selected from the group consisting of propytone glycel, butanedial, haxylene glycel, </u> 13. (Currently Amended) Wet-acting Subricant according to Claim 11, consisting essentially of (P.), water and <del>at least one of the additives (F) a flow control agent</del> dipropylane glycal, butyl diglycal and glyoaml,

homopolyacrylamides, copolyacrylamide-acrylic acids, and partially consisting dnoub a thickening agent selected from the saponified polyacrylamides <u>0</u>

and optionally at least one of the additives

a mixture of non-tonogenic emulaties and anionic or amphoteric emulsifiers or a imbiture of non-tonogenic emulsifiers, anionic a non-tonogenic emulatier or a mixture of non-lonogenic emulatiers of emulsifiers and amphoteric emulsifiers,

at least one agent for setting the pH

(Z<sub>1</sub>) an agent which inhibits bacterial growth or a microbiocida at least one formulation additive selected from Ø and

(Z2) reducing agent or a bleaching agent. 5

14. through 26. (Cancelled)

27. (New) A method for the treatment of textile piece goods in rope form or tubular form by an exhaust process from aqueous liquor, comprising the steps of: providing taxtile piece goods;

contain hydrophilic polyalkylene glycol either chains in the skeletal applying (PA) water-dispersible or colloidally soluble polyamides which structure as wet-acting lubricants, and then

applying a taxtile treatment agent (T) consisting essentially of (T,) pre-treatment agents.

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(T<sub>2</sub>) main treatment agents, or

 $(T_3)$  affer-freatment agents;

(A,) Cz-C<sub>18</sub> alkanedlamines, wherein said (P,) is made from

(A<sub>2</sub>) a diamine of the everage formula

denotes a number ≥ 0 in which

denotes a number ≥ 2

denotes a number ≥ 1

the sum x+y+z = 3 to 100, with the proviso that y [zx+z,] is in the ranga from 2(x+z) to 10(x+z)

(B<sub>1</sub>) alkanedicarboxylic acids having 2 to 38 carbon atoms.

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